

SOIL REMEDY ALTERNATIVE XX: IN SITU STABILIZATION

		1.34				Total:	Original	RADD
Original acres:							\$2,093,138.09	\$1,263,120.53
RADD acres:		0.8						
		Original	RADD	Original	RADD			
1. Mobilization							\$18,019.04	\$18,019.04
Assume	32	32 D6 Dozer (4)		\$86.63	\$86.63 per hour		\$2,772.16	\$2,772.16
Assume	32	32 compactors (4)		\$86.63	\$86.63 per hour		\$2,772.16	\$2,772.16
Assume	24	24 Water Truck (4)		\$86.63	\$86.63 per hour		\$2,079.12	\$2,079.12
Assume	24	24 Dump Truck (4)		\$86.63	\$86.63 per hour		\$2,079.12	\$2,079.12
Assume	32	32 924 Loader (4)		\$86.63	\$86.63 per hour		\$2,772.16	\$2,772.16
Assume	64	64 210 trackhoe (8)		\$86.63	\$86.63 per hour		\$5,544.32	\$5,544.32
2. Foundation and Pavement Removal							\$116,740.00	\$69,696.00
Assume	58,370	34,848 sqft of foundation and pavement removal		\$2.00	\$2.00 per hour		\$116,740.00	\$69,696.00
3. Excavation (50 cubic yards per hour)							\$323,022.70	\$192,849.37
Assume	1,226	732 trackhoes		\$165.31	\$165.31 per hour		\$202,670.06	\$120,997.05
Assume	307	183 contractor supervisor		\$66.00	\$66.00 per hour		\$20,262.00	\$12,096.72
Assume	1,226	732 dump truck		\$81.64	\$81.64 per hour		\$100,090.64	\$59,755.61
4. Stablization							\$900,991.75	\$537,905.52
Assume	10,170	6,072 fly ash		\$32.24	\$32.24 per ton delivered		\$327,880.80	\$195,749.73
Assume	1,226	732 trackhoes		\$165.31	\$165.31 per hour		\$202,670.06	\$120,997.05
Assume	613	366 dozers		\$127.89	\$127.89 per hour		\$78,396.57	\$46,803.92
Assume	613	366 compactors		\$87.65	\$87.65 per hour		\$53,729.45	\$32,077.28
Assume	613	366 loader at stock pile		\$101.63	\$101.63 per hour		\$62,299.19	\$37,193.55
Assume	613	366 water wagon		\$81.64	\$81.64 per hour		\$50,045.32	\$29,877.80
Assume	613	366 dump truck		\$102.72	\$102.72 per hour		\$62,967.36	\$37,592.45
Assume	767	458 compaction tests		\$45.00	\$45.00 per hour		\$34,515.00	\$20,605.97
Assume	153	91 contractor supervisor		\$66.00	\$66.00 per hour		\$10,098.00	\$6,028.66
Assume	613	366 labor		\$30.00	\$30.00 per hour		\$18,390.00	\$10,979.10
5. Confirmation Sampling							\$94,645.00	\$46,636.90
Assume	41	13 samples (16 samples per acre)			\$0.00		\$0.00	\$0.00
Assume	41	13 SPLP confirmation sample		\$845.00	\$845.00 per sample		\$34,645.00	\$10,816.00
Assume	120	72 days rental equipment at		\$500.00	\$500.00 per day		\$60,000.00	\$35,820.90
6. AMEC Excavation Contractor Field Oversight							\$100,474.00	\$59,984.48
Assume	4	2.4 months office trailer at		\$500.00	\$500.00 per month		\$2,000.00	\$1,194.03
Assume	88	53 days per diem/lodging/truck rental at		\$260.00	\$260.00 per day		\$22,880.00	\$13,659.70
Assume	879	525 hours AMEC field supervisor at		\$86.00	\$86.00 per hour		\$75,594.00	\$45,130.75
7. Project Management & Reporting							\$190,389.25	\$127,509.13
Assume	1	1 Report		\$35,000.00	\$35,000.00 Lump Sum		\$35,000.00	\$35,000.00
Assume	1	1 AMEC project management at 10% of all other cost					\$155,389.25	\$92,509.13
8. Contingency							\$348,856.35	\$210,520.09
Assume	1	1 Continegency		20%			\$348,856.35	\$210,520.09

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treatment area:	0.8	acres	Total:		\$1,263,121
1. Mobilization					\$18,019
Assume	32	D6 Dozer (4)	\$86.63	per hour	\$2,772
Assume	32	compactors (4)	\$86.63	per hour	\$2,772
Assume	24	Water Truck (4)	\$86.63	per hour	\$2,079
Assume	24	Dump Truck (4)	\$86.63	per hour	\$2,079
Assume	32	924 Loader (4)	\$86.63	per hour	\$2,772
Assume	64	210 trackhoe (8)	\$86.63	per hour	\$5,544
2. Foundation and Pavement Removal					\$69,696
Assume	34,848	sqft	\$2.00	per hour	\$69,696
3. Excavation (50 cubic yards per hour)					\$192,849
Assume	732	trackhoes	\$165.31	per hour	\$120,997
Assume	183	contractor supervisor	\$66.00	per hour	\$12,097
Assume	732	dump truck	\$81.64	per hour	\$59,756
4. Stablization					\$537,906
Assume	6,072	fly ash	\$32.24	per ton delivered	\$195,750
Assume	732	trackhoes	\$165.31	per hour	\$120,997
Assume	366	dozers	\$127.89	per hour	\$46,804
Assume	366	compactors	\$87.65	per hour	\$32,077
Assume	366	loader at stock pile	\$101.63	per hour	\$37,194
Assume	366	water wagon	\$81.64	per hour	\$29,878
Assume	366	dump truck	\$102.72	per hour	\$37,592
Assume	458	compaction tests	\$45.00	per hour	\$20,606
Assume	91	contractor supervisor	\$66.00	per hour	\$6,029
Assume	366	labor	\$30.00	per hour	\$10,979
5. Confirmation Sampling					\$46,637
Assume	13	samples (16 samples per acre)			\$0
Assume	13	SPLP confirmation sample	\$845	per sample	\$10,816
Assume	72	days rental equipment at	\$500	per day	\$35,821
6. AMEC Excavation Contractor Field Oversight					\$59,984
Assume	2.4	months office trailer at	\$500	per month	\$1,194
Assume	53	days per diem/lodging/truck rental	\$260	per day	\$13,660
Assume	525	hours AMEC field supervisor at	\$86	per hour	\$45,131
7. Project Management & Reporting					\$127,509
Assume	1	Report	\$35,000	Lump Sum	\$35,000
Assume	1	AMEC project management at 10% of all other cost			\$92,509
8. Contingency					\$210,520
Assume	1	Continegency	20%		\$210,520